

Key Dimensions / Sightlines	OS-20	OS-29 / OS-44 / OS-77
Double Track Frame Depth (mm)	116	143
Triple Track Frame Depth (mm)	182	213
Track Height (mm)	44	50
Interlocker Sightline (mm)	20	29 / 44 / 77
Central Locking Stile Sightline (mm)	159	153

Performance	OS-20	OS-29	OS-44	OS-77
U-Value (W/m <sup>2</sup> K)	1.4	1.3		
PAS 24:2016	✗	✓	✗	✓
Air Permeability	Class 4	Class 3, 600Pa		
Water Tightness	Class 7A	Class 6A, 250Pa		
Resistance to Wind Load	Class A3	1600Pa		
20-Year Guarantee	10-Years*	✓		

\*10-years on the frames, gaskets, seals, levers and locks. 5-years on the glass.

Glazing Options	OS-20	OS-29 / OS-44 / OS-77
Glazing Thickness (mm)	28.8 and 30mm	28, 32 and 36mm

Thermal Performance	OS-20	OS-29 / OS-44 / OS-77
1.0 centre pane*	1.4 W/m <sup>2</sup> K	1.6 W/m <sup>2</sup> K
0.8 centre pane*	N / A	1.4 W/m <sup>2</sup> K
0.7 centre pane*		1.3 W/m <sup>2</sup> K

\*Centre Pane U-Values less than 1.0W/m<sup>2</sup>K are triple glazed units. Glazing units are filled with Argon Gas.

Key Features	OS-20	OS-29 / OS-44 / OS-77
Square Bead	✗	✓
Concealed Internal Running Gear	✓	✓
Gasket Colour	Black	
Multipoint Lock	✓	✓
Multiple Handle Options	✗	✓
Flush Faced Lever Handle	✓	✗
Marine Grade Option	✓	✓

Optional Extras	OS-20	OS-29 / OS-44 / OS-77
95mm Cill	✗	✗
155mm Cill	✗	✗
180mm Cill	✓	✗
225mm Cill	✓	✓
Drip Bar	✓	✓ (60mm only)
Trickle Vents	✓*	✓*
Add-ons	✓	✓

\*When a trickle vent is selected, it can be fitted to the top track. However, an add-on will need to be fitted in order to finish up against the door.

Handles	OS-20	OS-29 / OS-44 / OS-77		
	Flush Faced Lever Handle	300mm All-in-one Handle	500mm Offset Bar Handle	Patio D-Handle
Colours				
Stainless Steel	✗	✓	✓	✓
7015M	✓	✗	✗	✗
7016M	✓	✗	✗	✓
9005M	✓	✗	✗	✓
9910G	✓	✗	✗	✓
Light Silver	✓	✗	✗	✗
Satin Chrome	✗	✗	✗	✗

Slider Size	Minimum			Maximum		
	OS-20	OS-29	OS-44 / OS-77	OS-20	OS-29	OS-44 / OS-77
XO or OX (1 Sliding, 1 Fixed) Width (mm)	1,228	971	1,462	4,428	4,442	4,010
XX (2 Sliding) Width (mm)	1,278	971	1,462	4,478	4,442	4,010
XXO or OXX (2 Sliding, 1 Fixed) Width (mm)	1,774	1,364	2,117	6,574	6,587	5,939
XXX (3 Sliding) Width (mm)	1,824	1,364	2,117	6,624	6,587	5,939
OXXO (2 Sliding, 2 Fixed) Width (mm)	2,405	1,866	2,848	8,804	8,802	7,944
XXXX (4 Sliding) Width (mm)	2,505	N/A	N/A	8,904	N/A	N/A
OXXXXO (4 Sliding, 2 Fixed) Width (mm)	3,497	2,653	4,159	13,096	12,000	11,803
XXXXXX (6 Sliding) Width (mm)	3,597	N/A	N/A	13,196	N/A	N/A
All Configs Height (mm)	1,600	1,200	1,940	3,000	2,600	2,600
Sash Width (mm)	550	442	710	2,200	2,200	2,000
Sash Height (mm)	1,530	1,120	1,860	2,930	2,520	2,520
Sash Area (sqm)	N/A	N/A	N/A	6.6	6	6
Sash Width / Height Ratio	N/A	N/A	N/A	1:3	1:3	1:3
Sash Weight (kg)	N/A	N/A	N/A	200	200	200
Sashes in one set	1			6		

OS-20 Glass Options				Inner			Spacer		Outer		
Option	Supplier Spec	Max Pane Size (sqm)	Unit Thickness	Low E	Toughened	Solar Reflective	Width (mm)	Warm Edge Thermobar	Low E	Toughened	Solar Reflective
Standard 6 - 18 - 6	Clear   18mm Thermobar   Low E   Toughened	4	30mm	✓	✓	✗	18	✓	✗	✓	✗
Standard 8 - 14 - 8	Clear   14mm Thermobar   Low E   Toughened	6	30mm	✓	✓	✗	14	✓	✗	✓	✗
Solar Reflective 6 - 18 - 6	6mm Sungard SN70/37   18mm Thermobar   Clear   Toughened	4	30mm	✗	✓	✗	18	✓	✓	✓	✓
Solar Reflective 8 - 14 - 8	8mm Sungard SN70/37   14mm Thermobar   Clear   Toughened	6	30mm	✗	✓	✗	14	✓	✓	✓	✓
Laminated 6.8 - 16 - 6	6.8mm Laminated   16mm Thermobar   Low E Toughened	4	28.8mm	✓	✓	✗	16	✓	✗	✗	✗
Laminated 8.8 - 12 - 8	8mm Laminated   12mm Thermobar   Low E Toughened	6	28.8mm	✓	✓	✗	12	✓	✗	✗	✗

Finishes	OS-20		OS-29 / OS-44 / OS-77	
	Stock	Lead Times	Stock	Lead Time
Hipca White   9910G	✗	4-weeks	✓	2-weeks
Anthracite Grey   7016M	✓	4-weeks	✓	2-weeks
Jet Black   9005M	✗	4-weeks	✓	2-weeks
Slate Grey   7015M	✗	4-weeks	✓	2-weeks
Special Colours	✗	4-weeks	✗	4-weeks